

ABSTRACT OF THE DISCLOSURE

1 A damper apparatus for controlling airflow between compartments in a two
2 compartment refrigerator having a door includes a controller for controlling opening
3 and closing of a damper; and a door sensor connected to the controller for detecting
4 when the door is open. If the controller determines that the door has remained closed
5 for a set period, the controller maintains the damper in the closed position. A method
6 for cleaning a damper in a refrigerator includes a steps of defrosting a refrigeration
7 apparatus of the refrigerator, at least partially opening the damper, followed by
8 waiting for a set period and then at least partially closing the damper. The steps of at
9 least partially opening and waiting are repeated a set number of times and then a
10 cooling operation of the refrigeration apparatus is commenced.